

Converting Colors

XYZ(44.3628, 39.3444, 46.6662)

Have a look what the booklet for
XYZ(44.3628, 39.3444, 46.6662)
contains.

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Color

**XYZ(44.2858, 39.3135,
46.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9BB1
RGB	203, 155, 177
RGB Percent	80%, 61%, 69%
CMY	0.2039, 0.3921, 0.3059
CMYK	0.00, 0.24, 0.13, 0.20
HSL	333°, 32%, 70%
HSV	333°, 24%, 80%
XYZ	44.2858, 39.3135, 46.8491
YIQ	171.8600, 21.5460, 17.0180

Conversions

Conversions Part 2

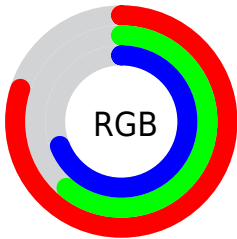
Format	Color
R _Y B	203, 155, 177
Decimal	13343665
CIE Lab	68.98, 21.34, -4.48
CIE LCh	69, 21.806, 348.157
Yxy	39.3135, 0.3395, 0.3014
Android (android.graphics.Color)	4291533745 (0xFFCB9BB1)
YUV	171.8600, 2.5340, 27.3098
Hunter-Lab	62.7005, 16.3500, -0.4105

Details

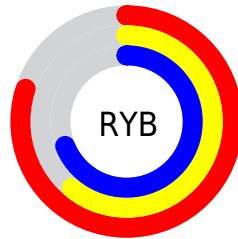
The XYZ color **44.2858, 39.3135, 46.8491** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2156, 53.0178, 51.6744**, and the grayscale version is **39.1228, 41.1602, 44.8235**.

A 20% lighter version of the original color is **78.9946, 73.2364, 87.0634**, and **20.7011, 17.4516, 21.3462** is the 20% darker color. If you saturate the color by 10%, you get **40.1350, 32.6956, 40.2740**, and if you desaturate by 10%, it is **49.0951, 47.1061, 54.0805**.

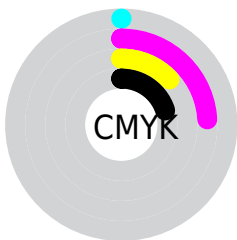
Distribution



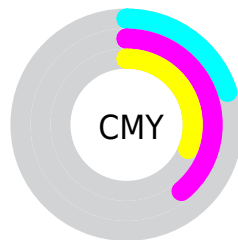
- Red (80%)
- Green (61%)
- Blue (69%)



- Red (80%)
- Yellow (61%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2858, 39.3135, 46.8491 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.2858, 39.3135, 46.8491 by changing the saturation by 10% instead.


 44.2858, 39.3135,
46.8491

 44.2858, 39.3135,
46.8491


354.7058,
343.2215, 390.5882

 31.0941, 27.0037,
32.5629


 80.8913, 74.1170,
86.8360

 20.8227, 17.5760,
21.5234


 105.0359, 97.3795,
113.3737

 13.1062, 10.6460,
13.3122


133.5621,
125.0616, 144.8323

 7.5792, 5.8293,
7.5106

166.8354,
157.5479, 181.6304

 3.8764, 2.7416,
3.7002

205.2210,
195.2226, 224.1865

 1.6325, 0.9984,
1.4624

249.0844,

 0.4134, 0.0000,

238.4702, 272.9191

0.1896

298.7909,
287.6750, 328.2469

■ 0.0000, 0.0000,
0.0000

■ 44.2858, 39.3135,
46.8491

■ 44.2858, 39.3135,
46.8491

■ 40.1350, 32.6956,
40.2740

■ 49.0951, 47.1061,
54.0805

■ 36.6090, 27.1895,
34.3322

■ 54.5880, 56.1218,
61.9850

■ 33.6757, 22.7346,
29.0032

■ 60.7922, 66.4124,
70.5818

■ 31.2992, 19.2620,
24.2636

■ 67.7330, 78.0256,
79.8888

■ 29.4390, 16.6946,
20.0887

■ 74.9522, 90.0420,
89.7620

■ 28.0488, 14.9439,
16.4510

■ 76.5638, 90.6866,
98.2483

■ 27.0730, 13.9026,
13.3192

■ 78.2748, 91.3710,
107.2585

■ 26.6062, 13.4876,
11.5648

■ 78.4389, 91.4367,
108.1226

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.5618, 39.3135, 56.8632



44.2858, 39.3135, 46.8491



44.0730, 39.3135, 37.1216

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.2858, 39.3135, 46.8491



35.3250, 39.3135, 27.0921



33.0889, 39.3135, 58.6814

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.2858, 39.3135, 46.8491



43.2156, 53.0178, 51.6744

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.3770, 39.3135, 49.0423



44.2858, 39.3135, 46.8491



32.6118, 39.3135, 31.2799

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.2858, 39.3135, 46.8491



38.7527, 39.3135, 26.6924



31.2079, 39.3135, 39.0019



36.0134, 39.3135, 64.3686

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.2858, 39.3135, 46.8491



42.8633, 39.3135, 32.0500



31.2079, 39.3135, 39.0019



32.3606, 39.3135, 55.7331

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.2869, 39.3153, 46.8499



88.0996, 88.5281, 99.0952



41.4648, 37.5319, 61.5595



18.7346, 18.7476, 21.0353



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.2869, 39.3153, 46.8499



70.7339, 60.3496, 73.1047



42.5359, 39.0437, 36.3067



11.4226, 11.2978, 12.7599



16.9767, 8.6013, 7.5959



0.9140, 0.4590, 0.5927

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.2869, 39.3153, 46.8499



70.7339, 60.3496, 73.1047



45.2784, 53.2415, 64.3908



11.4226, 11.2978, 12.7599



16.9767, 8.6013, 7.5959



0.9140, 0.4590, 0.5927

Previews

White Background



This preview shows how the XYZ color 44.2858, 39.3135, 46.8491 looks on a white background.

Color Contrast Check

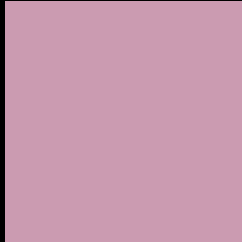
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.2858, 39.3135, 46.8491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

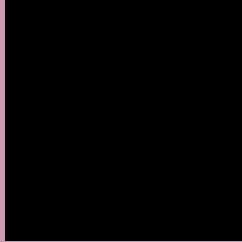
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2858, 39.3135, 46.8491

Background



This preview shows how black text looks on a background with the XYZ color 44.2858, 39.3135, 46.8491.



This preview shows how white text looks on a background with the XYZ color 44.2858, 39.3135,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.2858, 39.3135, 46.8491

Protanopia

38.5120, 39.3557, 51.4655

Deuteranopia

40.3047, 39.5911, 46.0750



Tritanopia

43.4070, 39.1981, 42.8143

Trichromacy



Original Color

44.2858, 39.3135, 46.8491

Protanomaly

40.3631, 39.2751, 49.7095

Deuteranomaly

41.8165, 39.5715, 46.5084

Tritanomaly

43.6920, 39.3120, 44.3149

Monochromacy



Original Color

44.2858, 39.3135, 46.8491

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.8046, 40.3957, 45.6909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2858, 39.3135, 46.8491 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 155, 177)` looks like.

```
.text, #text, p{  
    color:rgb(203, 155, 177)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 155, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 155, 177) }
```

Border

The CSS property to change the border of an element to XYZ 44.2858, 39.3135, 46.8491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 155, 177) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 155, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 155, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 155, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 155, 177);  
box-shadow:4px 4px 4px 4px rgb(203, 155,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2858, 39.3135, 46.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 155, 177) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
155, 177) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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